



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/750,623	12/31/2003	Sue.K. DeNise	MMI1100-1

Gray Cary Ware & Freidenrich LLP
 Suite 1100
 4365 Executive Drive
 San Diego, CA 92121-2133



CONFIRMATION NO. 4066

FORMALITIES LETTER



OC000000016327713

Date Mailed: 06/21/2005

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Filing Date Granted

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

To Download Patentin Software, visit <http://www.uspto.gov/web/patents/software.htm>

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

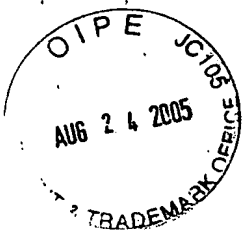
Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

La

Office of Initial Patent Examination (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT
ATTY. DOCKET NO.: MMI1100-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	DeNise, <i>et al.</i>	Art Unit:	1634
Application No.:	10/750,623	Examiner	Unassigned
Filed:	December 31, 2003	Conf. No.:	4066
Title:	METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS		

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed June 21, 2005, Applicants provide herewith a computer readable copy and a written on compact disc copy of the Sequence Listing in accordance with 37 C.F.R. § 1.821 *et seq.*

Transmitted herewith for the above-identified application please find:

1. Statement Under 37 C.F.R. §§ 1.821(f) and (g) (1 pg.);
2. Verified Statement Under 37 C.F.R. § 1.821(f) (1 pg.);
3. Transmittal Letter Under 37 C.F.R. § 1.52(e) (2 pgs.);
4. Compact Disk "SEQUENCE LISTING" (1 disk);
5. Compact Disk "CRF" (1 disk);
6. Copy of Notice to File Missing Parts (2 pgs.); and
7. Return Postcard

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on August 22, 2005, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mikhail Y. Puchkov

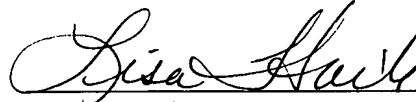
In re Application of
DeNise, *et al.*
Application No.: 10/750,623
Filed: December 31, 2003
Page 2

PATENT
ATTY. DOCKET NO.: MMI1100-1

No fee is deemed necessary in connection with the filing of this paper. However, if any fee is required, the Commissioner is hereby authorized to charge the amount of this fee, or credit any overpayments, to Deposit Account No. 07-1896. A copy of this Transmittal Letter is enclosed.

Respectfully submitted,

Date: August 22, 2005



Lisa A. Haile, J.D., Ph.D.
Reg. No: 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

DLA PIPER RUDNICK GRAY CARY US LLP
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
Customer Number: 28213



PATENT
ATTY. DOCKET NO.: MMI1100-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	DeNise, <i>et al.</i>	Art Unit:	1634
Application No.:	10/750,623	Examiner	Unassigned
Filed:	December 31, 2003	Conf. No.:	4066
Title:	METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS		

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER UNDER 37 C.F.R. § 1.52(e)

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed June 21, 2005, submitted herewith, and incorporated by reference in the above-referenced patent application, are two CD-R compact disks labeled "SEQUENCE LISTING" and "CRF," respectively. As required by 37 CFR § 1.52(e)(3), Applicants herein provide the following information for each disk:

Disk labeled "SEQUENCE LISTING"

Machine format: IBM-PC
Operating System Compatibility: MS-Windows
Files:

File Name: MMI1100-1.txt
File Size: 88,025 KB
Date Created: 09/22/2004
File Type: Microsoft Text Document

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on **August 22, 2005**, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mikhail Y. Puchkov
Mikhail Y. Puchkov

In re Application of
DeNise, *et al.*
Application No.: 10/750,623
Filed: December 31, 2003
Page 2

PATENT
ATTY. DOCKET NO.: MMI1100-1

Disk labeled "CRF"

Machine format: IBM-PC
Operating System Compatibility: MS-Windows
Files:

File Name: MMI1100-1.txt
File Size: 88,025 KB
Date Created: 09/22/2004
File Type: Microsoft Text Document

I hereby state, as required by 37 C.F.R. § 1.52(e)(4), that the information recorded in compact disk "SEQUENCE LISTING" and the compact disk "CRF" is identical. In addition, I hereby state that the compact disks "SEQUENCE LISTING" and "CRF" are identical to the compact disk "SEQUENCE LISTING" that was originally filed with the above-referenced patent application.

Respectfully submitted,



Date: August 22, 2005

Lisa A. Haile, J.D., Ph.D.
Reg. No. 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

DLA PIPER RUDNICK GRAY CARY US LLP
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
Customer Number: 28213